

Appendix A

An Incomplete List of Plants
Found On or Near BLM Lands
Within the Madison Watershed

And

Wildlife Species List

(Plant scientific names and alphanumeric codes presented in the following table correspond to those found in *The PLANTS Database*/<http://plants.usda.gov>; and the *Synthesis of the North American Flora*. Plant common names are generally those listed for the State of Montana in the above references unless BLM resource specialists are aware of a more frequently used locally accepted plant name.)

| Common Name | Scientific Name | USDA Symbol |
|-----------------------------|--|-------------|
| Alfalfa | <i>Medicago sativa</i> | MESA |
| Alkali Sagebrush | <i>Artemisia arbuscula ssp. longiloba</i> | ARARL |
| Alpine Forget-me-not | <i>Eritrichium spp.</i> | ERITR |
| Baltic Rush | <i>Juncus arcticus ssp. littoralis</i> | JUARL |
| Basin Big Sagebrush | <i>Artemisia tridentata ssp. tridentata</i> | ARTRT |
| Basin Wildrye | <i>Leymus cinereus</i> | LECI4 |
| Beaked Sedge | <i>Carex utriculata</i> | CAUT |
| Bearded wheatgrass | <i>Elymus trachycaulus ssp. trachycaulus</i> | ELTRT |
| Bebb Willow | <i>Salix bebbiana</i> | SABE2 |
| Bitterroot | <i>Lewisia rediviva</i> | LERE7 |
| Bitterroot milkvetch | <i>Astragalus scaphoides</i> | ASSC4 |
| Black cottonwood | <i>Populus balsamifera ssp. trichocarpa</i> | POBAT |
| Black Henbane | <i>Hyoscyamus nigar</i> | HYNI |
| Black Sagebrush | <i>Artemisia nova</i> | ARNO4 |
| Blue Flax | <i>Linum perenne</i> | LIPE2 |
| Blue Grama | <i>Bouteloua gracilis</i> | BOGR2 |
| Blue Wildrye | <i>Elymus glaucus</i> | ELGL |
| Bluebunch Wheatgrass | <i>Pseudoroegneria spicata</i> | PSSP6 |
| Bluejoint Reedgrass | <i>Calamagrostis canadensis</i> | CACA4 |
| Booth's Willow | <i>Salix boothii</i> | SABO2 |
| Bottlebrush Squirreltail | <i>Elymus elymoides</i> | ELEL5 |
| Broom Snakeweed | <i>Gutierrezia sarothrae</i> | GUSA2 |
| Bull Thistle | <i>Cirsium vulgare</i> | CIVU |
| Canada Thistle | <i>Cirsium arvense</i> | CIAR4 |
| Cheatgrass | <i>Bromus tectorum</i> | BRTE |
| Chicken Sage | <i>Sphaeromeria argentea</i> | SPAR2 |
| Clustered Field Sedge | <i>Carex praegracilis</i> | CAPR5 |
| Cluster-head Chicken Sage | <i>Sphaeromeria capitata</i> | SPCA8 |
| Common Cattail | <i>Typha latifolia</i> | TYLA |
| Common Dandelion | <i>Taraxacum officinale</i> | TAOF |
| Common Juniper | <i>Juniperus communis</i> | JUCO6 |
| Common Mullein | <i>Verbascum thapsus</i> | VETH |
| Common Yarrow | <i>Achillea millefolium</i> | ACMI2 |
| Contracted Ricegrass | <i>Achnatherum contractum</i> | ACCO22 |
| Coyote Willow | <i>Salix exigua</i> | SAEX |
| Creeping Juniper | <i>Juniperus horizontalis</i> | JUHO2 |
| Curl-leaf Mountain Mahogany | <i>Cercoarpus ledifolius</i> | CELE3 |

| Common Name | Scientific Name | USDA Symbol |
|------------------------|---|-------------|
| Currant | <i>Ribes spp.</i> | RIBES |
| Cutleaf daisy | <i>Erigeron compositus</i> | ERCO4 |
| Deathcamas | <i>Zigadenus spp.</i> | ZIGAD |
| Diffuse knapweed | <i>Centaurea diffusa</i> | CEDI3 |
| Douglas-fir | <i>Pseudotsuga menziesii</i> | PSME |
| Dyer's woad | <i>Isatis tinctoria</i> | ISTI |
| Engelmann Spruce | <i>Picea engelmannii</i> | PIEN |
| Eurasian Watermilfoil | <i>Myriophyllum spicatum</i> | MYSP2 |
| Field Scabiosa | <i>Knautia arvensis</i> | KNAR |
| Foxtail Barley | <i>Hordeum jubatum</i> | HOJU |
| Fringed Sagewort | <i>Artemisia frigida</i> | ARFR4 |
| Geyer Willow | <i>Salix geyeriana</i> | SAGE2 |
| Greasewood | <i>Sarcobatus vermiculatus</i> | SAVE4 |
| Green Needlegrass | <i>Nassella viridula</i> | NAVI4 |
| Green Rabbitbrush | <i>Chrysothamnus vividiflorus</i> | CHVI8 |
| Grey Horsebrush | <i>Tetradymia canescens</i> | TECA2 |
| Hangingpod Milkvetch | <i>Astragalus atropubescens</i> | ASAT2 |
| Heartleaf Arnica | <i>Arnica cordifolia</i> | ARCO9 |
| Hoary Alyssum | <i>Berteroa incana</i> | BEIN2 |
| Hoary phacelia | <i>Phacelia incana</i> | PHIN9 |
| Houndstongue | <i>Cynoglossum officinale</i> | CYOF |
| Idaho Fescue | <i>Festuca idahoensis</i> | FEID |
| Idaho Fleabane | <i>Erigeron asperugineus</i> | ERAS |
| Idaho Sedge | <i>Carex idahoa</i> | CAID |
| Indian Ricegrass | <i>Achnatherum hymenoides</i> | ACHY |
| Kentucky Bluegrass | <i>Poa pratensis</i> | POPR |
| Kinnikinick | <i>Arctostaphylos uva-ursi</i> | ARUV |
| Leafy Spurge | <i>Euphorbia esula</i> | EUES |
| Lemhi Beardtongue | <i>Penstemon lemhiensis</i> | PELE8 |
| Lewis Flax | <i>Linum lewisii</i> | LILE3 |
| Limber Pine | <i>Pinus flexilis</i> | PIFL2 |
| Limestone Larkspur | <i>Delphinium bicolor ssp. calcicola</i> | DEBIC |
| Lodgepole Pine | <i>Pinus contorta</i> | PICO |
| Low Sagebrush | <i>Artemisia arbuscula ssp. arbuscula</i> | ARARA |
| Lupine | <i>Lupinus spp.</i> | LUPIN |
| Meadow Barley | <i>Hordeum brachyantherum</i> | HORR2 |
| Montana Sweet Pea | <i>Thermopsis montana</i> | THMO6 |
| Mountain Big Sagebrush | <i>Artemisia tridentata ssp. vaseyana</i> | ARTRV |
| Mountain Brome | <i>Bromus carinatus</i> | BRCA5 |
| Mountain Snowberry | <i>Symphoricarpos oreophilus</i> | SYOR2 |
| Musk Thistle | <i>Carduus nutans</i> | CANU4 |
| Narrowleaf Cottonwood | <i>Populus angustifolia</i> | POAN3 |
| Nebraska Sedge | <i>Carex nebrascensis</i> | CANE2 |

| Common Name | Scientific Name | USDA Symbol |
|--------------------------------|---|-------------|
| Needle & Thread | <i>Hesperostipa comata</i> | HECO26 |
| Nodding Brome | <i>Bromus anomalus</i> | BRAN |
| Owl-clover | <i>Orthocarpus spp.</i> | ORTHO |
| Phlox | <i>Phlox spp.</i> | PHLOX |
| Pinegrass | <i>Calamagrostis rubescens</i> | CARU |
| Plains Pricklypear | <i>Opuntia polyacantha</i> | OPPO |
| Plains Reedgrass | <i>Calamagrostis montanensis</i> | CAMO |
| Planeleaf Willow | <i>Salix planifolia</i> | SAPL2 |
| Prairie Junegrass | <i>Koeleria macrantha</i> | KOMA |
| Prairie smoke | <i>Geum triflorum</i> | GETR |
| Purple Reedgrass | <i>Calamagrostis purpurascens</i> | CAPU |
| Pussy-toes | <i>Antennaria spp.</i> | ANTEN |
| Quaking Aspen | <i>Populus tremuloides</i> | POTR5 |
| Railhead Milkvetch | <i>Astragalus terminalis</i> | ASTE9 |
| Railroad Canyon Wild Buckwheat | <i>Eriogonum soliceps</i> | not listed |
| Redoiser Dogwood | <i>Cornus sericea ssp. sericea</i> | COSES |
| Rocky Mountain Butterweed | <i>Packera streptanthifolia</i> | PAST10 |
| Rocky Mountain Dandelion | <i>Taraxacum eriophorum</i> | TAER2 |
| Rocky Mountain Iris | <i>Iris missouriensis</i> | IRMI |
| Rocky Mountain Juniper | <i>Juniperus scopulorum</i> | JUSC2 |
| Rubber Rabbitbrush | <i>Ericameria nauseosa</i> | ERNA10 |
| Rush | <i>Juncus spp.</i> | JUNCU |
| Russian Thistle | <i>Salsola kali</i> | SAKA |
| Sandberg Bluegrass | <i>Poa secunda</i> | POSE |
| Sandwort | <i>Arenaria spp.</i> | ARENA |
| Scarlet Globe-mallow | <i>Sphaeralcea coccinea</i> | SPCO |
| Sedge | <i>Carex spp.</i> | CAREX |
| Shy Wallflower | <i>Erysimum inconspicuum</i> | ERIN7 |
| Short-fruited Willow | <i>Salix brachycarpa</i> | SABR |
| Shrubby Cinquefoil | <i>Dasiphora fruticosa ssp. floribunda</i> | DAFRF |
| Silver Sagebrush | <i>Artemisia cana</i> | ARCA13 |
| Slender Cinquefoil | <i>Potentilla gracilis</i> | POGR9 |
| Slender Sedge | <i>Carex lasiocarpa</i> | CALA11 |
| Slender Thelypody | <i>Thelypodium sagittatum ssp. sagittatum</i> | THSAS |
| Slender Wheatgrass | <i>Elymus trachycaulus</i> | ELTR7 |
| Smooth Brome | <i>Bromus inermis</i> | BRIN2 |
| Spike Fescue | <i>Leucopoa kingii</i> | LEKI2 |
| Spotted Knapweed | <i>Centaurea stoebe ssp. micranthos</i> | CESTM |
| Spruce | <i>Picea spp.</i> | PICEA |
| Stemless Mock Goldenweed | <i>Stenotus acaulis</i> | STAC |
| Sticky Geranium | <i>Geranium viscosissimum</i> | GEVI2 |
| Stiffleaf Penstemon | <i>Penstemon aridus</i> | PEAR2 |
| Subalpine Fir | <i>Abies lasiocarpa</i> | ABLA |

| Common Name | Scientific Name | USDA Symbol |
|----------------------------|---|-------------|
| Sweetscented Bedstraw | <i>Galium triflorum</i> | GATR3 |
| Taper-tip Desert-parsley | <i>Lomatium attenuatum</i> | LOAT |
| Thick-spike Wheatgrass | <i>Elymus lanceolatus</i> | ELLA3 |
| Three-tip Sagebrush | <i>Artemisia tripartita</i> | ARTR4 |
| Timothy | <i>Phleum pratense</i> | PHPR3 |
| Tufted Hairgrass | <i>Deschampsia cespitosa</i> | DECE18 |
| Ute Ladies' Tresses | <i>Spiranthes dilivialis</i> | SPDI6 |
| Water Birch | <i>Betula occidentalis</i> | BEOC2 |
| Water Sedge | <i>Carex aquatilis</i> | CAAQ |
| Western Fescue | <i>Festuca occidentalis</i> | FEOC |
| Western Meadow-rue | <i>Thalictrum occidentale</i> | THOC |
| Western Wheatgrass | <i>Pascopyrum smithii</i> | PASM |
| Western Yarrow | <i>Achillea millefolium var. occidentalis</i> | ACMIO |
| Wheeler's bluegrass | <i>Poa wheeleri</i> | POWH2 |
| Whiplash Willow | <i>Salix lucida ssp. lasiandra</i> | SALUL |
| White Clover | <i>Trifolium repens</i> | TRRE3 |
| White Sagebrush | <i>Artemisia ludoviciana</i> | ARLU |
| White Spruce | <i>Picea glauca</i> | PIGL |
| Whitebark Pine | <i>Pinus albicaulis</i> | PIAL |
| White-stemmed Globe-mallow | <i>Sphaeralcea munroana</i> | SPMU2 |
| Winterfat | <i>Krascheninnikovia lanata</i> | KRLA2 |
| Wolf's Willow | <i>Salix wolfii</i> | SAWO |
| Wyoming Big Sagebrush | <i>Artemisia tridentata ssp. wyomingensis</i> | ARTRW8 |
| Yellow Sweetclover | <i>Melilotus officinalis</i> | MEOF |
| Yellow Willow | <i>Salix lutea</i> | SALU2 |

WILDLIFE SPECIES LIST

Birds

Bald eagle (*Haliaeetus leucocephalus*)
 Black tern (*Chilodactylus niger*)
 Brewer's sparrow (*Spizella breweri*)
 Clark's nutcracker (*Nucifraga columbiana*)
 Common loon (*Gavia immer*)
 Dusky grouse (*Dendragapus obscurus*)
 Ferruginous hawk (*Buteo regalis*)
 Flammulated owl (*Otus flammeolus*)
 Franklin's gull (*Larus pipixcan*)
 Golden eagle (*Aquila chrysaetos*)
 Great gray owl (*Strix nebulosa*)
 Hungarian partridge (*Perdix perdix*)
 Lewis' woodpecker (*Melanerpes lewis*)

Long-billed curlew (*Numenius americanus*)
Marbled godwit (*Limosa fedoa*)
McCown's longspur (*Calcarius mccownii*)
Northern goshawk (*Accipiter gentilis*)
Peregrine falcon (*Falco peregrinus*)
Prairie falcon (*Falco mexicanus*)
Pygmy nuthatch (*Sitta pygmaea*)
Red-naped sapsucker (*Sphyrapicus nuchalis*)
Ruffed grouse (*Bonasa umbellus*)
Sage grouse (*Centrocercus urophasianus*)
Sage thrasher (*Oreoscoptes montanus*)
Solitary sandpiper (*Tringa solitaria*)
Swainson's hawk (*Buteo swainsoni*)
Trumpeter swan (*Cygnus buccinator*)
Willet (*Tringa semipalmatus*)
Williamson's sapsucker (*Sphyrapicus thyroideus*)
Wilson's phalarope (*Phalaropus tricolor*)

Mammals

Beaver (*Castor canadensis*)
Bighorn sheep (*Ovis canadensis*)
Black bear (*Ursus americanus*)
Bobcat (*Lynx rufus*)
Canada lynx (*Lynx canadensis*)
Elk (*Cervus elaphus*)
Gray wolf (*Canis lupus*)
Grizzly bear (*Ursus arctos*)
Long-eared myotis (*Myotis evotis*)
Moose (*Alces alces*)
Mountain goat (*Oreamnos americanus*)
Mountain lion (*Puma concolor*)
Mule deer (*Odocoileus hemionus*)
Pronghorn (*Antilocapra americana*)
Pygmy rabbit (*Brachylagus idahoensis*)
White-tailed deer (*Odocoileus virginianus*)
Wolverine (*Gulo gulo*)

Amphibians

Western toad (*Bufo boreas*)